File Name : IFN-rR-IgG-glu19-29

Range: 1 - 1470 Mode: Normal

Codon Table : Universal

	E	CORI	•	Swa	aI ⋖	-	IF	ŊγR										
			9	;		18			27			36			45	;		54
5 '	GAA	TTC	ATI	TAA	ATG	ATT	CIG	CIG	GTG	GTC	CIG	ATG	CIG	TCT	GCG	GAG	ATC	GGG
					М	I	L	L	v	v	L	 М	L	s	A	E	I	G
			63			72			81			90			99	1		108
	AGT	GGA	GCT	TTG	ATG	AGC	ACC	GAG	GAT	CCT	AAG	CCG	CCC	TCG	GTG	CCI	GCG	CCA
	s	G	A	L	М	s	Т	Е	D	P	К	P	P	s	v	P	 A	P
	ACA	AAT	117 GTT		ATT		TCC			TTG				GTA				162 CAC
	 T	 N		 L	 I	 T			 D							 W		
	CAG	AAC	171 GTG		CAG	180 GCT		GTC		ACT				AAG		TAT		
	Q	N	V	s	Q	Α.	Α	V	F	Т	V	_						
	TAC	TGG	225 ACT		GCC	234 TGC			243 ATT					TGT		ATC		
	Y	W	Т	D	Α	С	T	N	I	A	Н	Н	Y	С	N	I	Y	K
	CAC	ATT	279 TCC	TAT	CCT	288 GAC		TCT		TGG			GTT		315 GCC		GTT	
	Н	I	s	Y	P	D	s	s	A	W	A	R	v	ĸ	Α	ĸ	v	G
	CAA	AGA	333 GAA		GCC	342 TAT				GAA			ATT		369 TGC		AAG	
	Q	R	Е	s	Α	Y	Α	Q	S	E	E	F	Ι	М	С	R	K	G
	AAG	GTT	387 GGA	CCG	CCT	396 GGC		GAC	405 ATC		AGG	414 AAG		GAT	423 CAG		ATT	
	К	v	G	P	P	G	L	D	I	G	R	K	E	D	Q	L	I	v
	CAC	ATA	441 TTT	CAC	CCT	450 AAG	GTC	AAT	459 GTG	AGT	CAG	468 GAA	ACC	ATG	477 TTT	GGT	GAC	486 GGA
	н	I	F	н	P		v	N	v		Q	 E	 Т	 М	 F	 G	D	 G
	ААТ	ACC	495 TGT	TAC	ACA	504 TTC	GAC	TAC	513 ACT	GTG	ттт	522 GTG	AAA	CAT	531 TAC	AGG	AGT	540 GGG
	N		 С	 Y	 Т	 F	D	 Y	 Т	 V	 F	v	 К	н	 Y	 R	 S	 G

Fig. 1

558 567 576 585 GAG ATC CTA CAT ACA GAA CAT AGC GTC CTA AAA GAA GAT TGT AGC GAA ACT CTG --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---EILHTEHSVLKEDCSETL 612 621 630 639 TGT GAG TTA AAC ATC TCA GTG TCC ACG CTG AAT TCC AAT TAC TGT GTT TCA GTA C E L N I S V S T L N S N Y C V S V 666 675 684 693 GTT GGA AAG TCG TCT TTC TGG CAA GTT AAT ACA GAA ACA TCA AAA GAC GCC TGT V G K S S F W Q V N T E T S K D A C IFN y R → NotI ← IgG 711 720 729 738 747 ATC CCC TTT CTC CAT GAT GAC AGA GAA GAA GCG GCC GCC GTG CCC AGA AAC TGT --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---I P F L H D D R E E A A A V P R N C 774 783 792 801 GGA GGT GAT TGC AAG CCT TGT ATA TGT ACA GGC TCA GAA GTA TCA TCT GTC TTC --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- $\begin{smallmatrix} G & G & D & C & K & P & C & I & C & T & G & S & E & V & S & S & V & F \\ \end{smallmatrix}$ 828 837 846 ATC TTC CCC CCA AAG CCC AAA GAT GTG CTC ACC ATC ACT CTG ACT CCT AAG GTC I F P P K P K D V L T I T L T P K V 882 891 900 909 ACG TGT GTT GTG GTA GAC ATT AGC CAG GAC GAT CCC GAG GTC CAT TTC AGC TGG T C V V D I S Q D D P E V H F S W 927 936 945 954 963 TIT GTA GAT GAC GTG GAA GTC CAC ACA GCT CAG ACT CGA CCA CCA GAG GAG CAG --- --- --- --- --- --- --- --- --- --- --- --- --- $\begin{smallmatrix} F & V & D & D & V & E & V & H & T & A & Q & T & R & P & P & E & E & Q \end{smallmatrix}$ 981 990 999 1008 1017 TTC AAC AGC ACT TTC CGC TCA GTC AGT GAA CTC CCC ATC CTG CAC CAG GAC TGG --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- $\begin{smallmatrix} F & N & S & T & F & R & S & V & S & E & L & P & I & L & H & Q & D & W \\ \end{smallmatrix}$ 1044 1053 1062 CTC AAT GGC AGG ACG TTC AGA TGC AAG GTC ACC AGT GCA GCT TTC CCA TCC CCC LNGRTFRCKVTSAAFPSP

Fig. 2

1089 1098 1107 1116 1125 ATC GAG AAA ACC ATC TCC AAA CCC GAA GGC AGA ACA CAA GTT CCG CAT GTA TAC --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---I E K T I S K P E G R T Q V P H V Y 1179 1143 1152 1161 1170 1188 ACC ATG TCA CCT ACC AAG GAA GAG ATG ACC CAG AAT GAA GTC AGT ATC ACC TGC --- --- --- --- --- --- --- --- --- --- --- --- --- ---M S P T K E E M T Q N E V S I T C 1197 1206 1215 1224 1233 1242 ATG GTA AAA GGC TTC TAT CCC CCA GAC ATT TAT GTG GAG TGG CAG ATG AAC GGG --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---M V K G F Y P P D I Y V E W Q M N G 1260 1269 1278 1287 CAG CCA CAG GAA AAC TAC AAG AAC ACT CCA CCT ACG ATG GAC ACA GAT GGG AGT --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---Q P Q E N Y K N T P P T M D T D G S 1305 1314 1323 1332 1341 TAC TTC CTC TAC AGC AAG CTC AAT GTG AAG AAG GAA AAA TGG CAG CAG GGA AAC Y F L Y S K L N V K K E K W Q Q G N 1368 1377 1386 1395 ACG TTC ACG TGT TCT GTG CTG CAT GAA GGC CTG CAC AAC CAC CAT ACT GAG AAG --- --- --- --- --- --- --- --- --- --- ---T F T C S V L H E G L H N H H T E K IgG → qlucagon 19-29 1413 1422 1431 1440 1449 AGT CTC TCC CAC TCT CCG GGT AAA GCC CAA GAT TTT GTG CAG TGG TTG ATG AAT --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---L S H S P G K A Q D F V Q W L M N EcoRI 1467 ACC TGA GAA TTC 3'

Fig. 3

Т

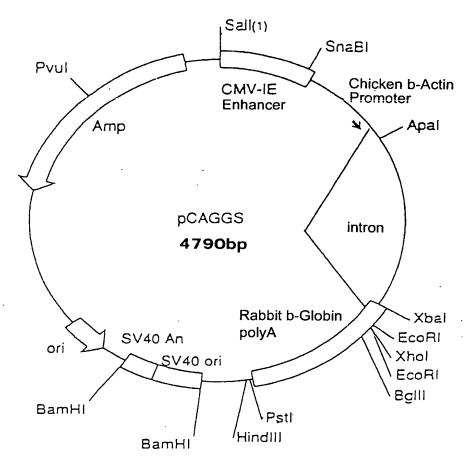


Fig. 4

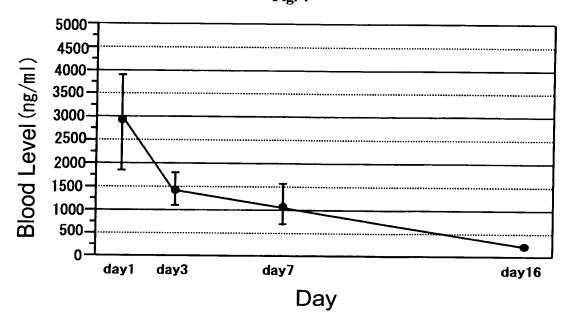


Fig. 5

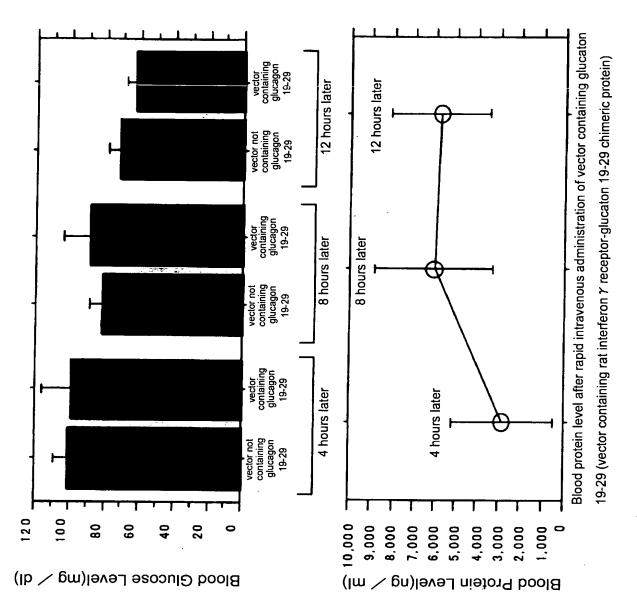


Fig. 6

File Name : CTLA4-IgG- glu19-29

Range: 1 - 1233 Mode: Normal

Codon Table : Universal

ECORI SwaI ← CTLA4

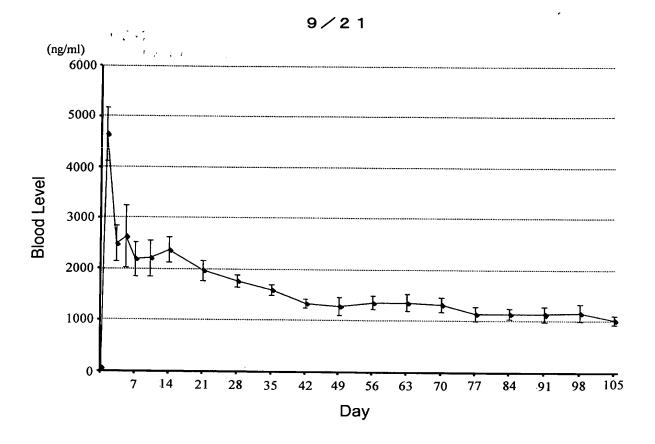
					_													
			9	9		18	3		27	7		36	;		45	5		54
5'	GAA	A TT	C AT	TAZ	OTA A	GCI	TGI	CT	r GGZ	CTC	CAC	AGG	TAC	AAA	ACT	CAC	CIG	CAG
					M	Α	C	L	 G	L	Q	R	Y	к	т	Н	L	Q
			63	3		72	:		81			90			99)		108
	CIG	cc.	r TCT	r Ago	ACT	TGG	CCI	, LLL	GGA	GTC	CTC	CIT	TCT	CII	CTC	TTC	: ATC	CCA
	L	P	s	R	Т	W	P	F	G	v	L	L	s	L	L	F	I	P
	ATC	TTC	117 C TCI		GCC	126 ATA		GTG	135 ACC		CCT	144 'TCA		GTG	153 TTG		: AGC	162 AGC
	I	F	s	E	 A	I	Q	v	т	Q	P	s	v	 V	L	 A	s	s
	CAC	GGT	171 GTC		AGC	180 TTT	CCA	TGT	189 GAA		GCA	198 TCT		CAC	207 AAC		GAT	216 GAG
	 Н	 G	v	 A	s													
	*1	G	V	A	5	F	P	С	E	Y	Α	S	S	Н	N	Т	D	E
	GTC	CGG	225 GTG		GTG	234 CTG		CAG	243 ACA		GAC	252 CAA	GTG	ACA	261 GAG		TGT	270 GCC
	v	 R	 V	т	v	 L	 R	 Q	T	 N	 D	Q	 V	 Т	 E	 V		 A
				_	•	_	••	¥	•		ב	¥	٧	•	Ľ	V	C	A
	אכיכי	7 (7)	279	3 C)	ama.	288			297			306			315			324
,	ACG	ACA		ACA	GTG	AAG	AAC	ACG	TIG	GGC	TTC	CTA	GAT	GAC	CCC	TTC	TGC	AGT
	Т	T	F	Т	v	K	N	Т	L	G	F	L	D	D	P	F	С	S
•	GGT	ACC	333 TTT	AAT	gaa	342 AGC	AGA	GTG	351 AAC	CTC	ACC	360 ATC	CAA	GGA	369 CTG	AGG	GCT	378 GCT
	G	т	F	N	E	s	R	v	N	L	т	I	Q	G	L	R	Α	Α
(GAC	ACC	387 GGA	CTG	TAC	396 TTC	TGC		405 GTG	GAA		414 ATG	TAC		423 CCG	CCA	TAC	432 TTT
•	D	т		T.	Y	 F			77		 T	 M		 D				
	_	-	•	-	-	•			٧	נינ	ת	1*1	I	r	Ρ	P	I	r
c	TG	GGC	441 ATG	GGC	AAC (450 GGG .	ACC			TAT		468 ATC (477 GAA			486 CCA
-	v	G	M	G	N	G	T	Q	I	Y	v	I	D	P	 E	 Р		 P

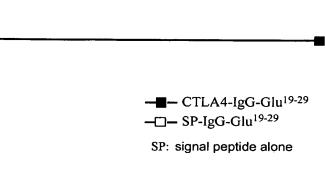
CTLA4 NotI **←**IqG 495 504 513 522 GAT TCA GAC GCG GCC GCC GTG CCC AGA AAC TGT GGA GGT GAT TGC AAG CCT TGT D S D A A A V P R N C G G D C K P C 558 567 576 585 ATA TGT ACA GGC TCA GAA GTA TCA TCT GTC TTC ATC TTC CCC CCA AAG CCC AAA I C T G S E V S S V F I F P P K P K 621 612 630 639 GAT GTG CTC ACC ATC ACT CTG ACT CCT AAG GTC ACG TGT GTT GTG GTA GAC ATT --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---D V L T I T L T P K V T C V V V D I 657 666 675 684 693 AGC CAG GAC GAT CCC GAG GTC CAT TTC AGC TGG TTT GTA GAT GAC GTG GAA GTC --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---S Q D D P E V H F S W F V D D V E V 711 720 729 738 747 CAC ACA GCT CAG ACT CGA CCA CCA GAG GAG CAG TTC AAC AGC ACT TTC CGC TCA H T A Q T R P P E E Q F N S T F R S 774 783 792 801 GTC AGT GAA CTC CCC ATC CTG CAC CAG GAC TGG CTC AAT GGC AGG ACG TTC AGA V S E L P I L H Q D W L N G R T F R 828 837 846 TGC AAG GTC ACC AGT GCA GCT TTC CCA TCC CCC ATC GAG AAA ACC ATC TCC AAA K V T S A A F P S P I E K T I S K 873 882 891 900 909 CCC GAA GGC AGA ACA CAA GTT CCG CAT GTA TAC ACC ATG TCA CCT ACC AAG GAA --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---P E G R T Q V P H V Y T M S P T K E 936 945 954 963 GAG ATG ACC CAG AAT GAA GTC AGT ATC ACC TGC ATG GTA AAA GGC TTC TAT CCC --- --- --- --- --- --- --- --- --- --- --- --- --- ---E M T Q N E V S I T C M V K G F Y P 990 999 1008 1017 CCA GAC ATT TAT GTG GAG TGG CAG ATG AAC GGG CAG CCA CAG GAA AAC TAC AAG P D I Y V E W Q M N G Q P Q E N Y K

Fig. 8

1035 1044 1053 1062 1071 1080 AAC ACT CCA CCT ACG ATG GAC ACA GAT GGG AGT TAC TTC CTC TAC AGC AAG CTC N T P P T M D T D G S Y F L Y S K L 1089 1098 1107 1116 1125 1134 AAT GTG AAG AAG GAA AAA TGG CAG CAG GGA AAC ACG TTC ACG TGT TCT GTG CTG N V K K E K W Q Q G N T F T C S V L IqG 1143 1152 1161 1170 1179 1188 CAT GAA GGC CTG CAC AAC CAT ACT GAG AAG AGT CTC TCC CAC TCT CCG GGT H E G L H N H H T E K S L S H S P G → **d** glucagon 19-29 EcoRI 1197 1206 1215 1224 AAA GCC CAA GAT TTT GTG CAG TGG TTG ATG AAT ACC TGA GAA TTC 3' K A Q D F V Q W L M N T \star

Fig. 9





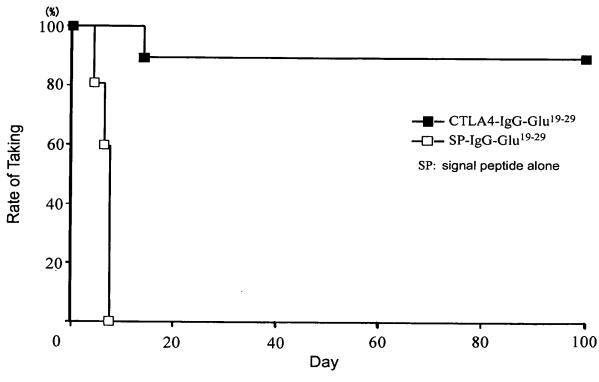


Fig. 11

Fig. 10

File Name : IL13-IgG-glu19-29

Range: 1 - 1143 Mode: Normal

Codon Table : Universal

EcoRI SwaI ─ IL-13

9 18 2 5' GAA TTC ATT TAA ATG GCA CTC TGG GT M A L W V	ACT GCA GTC	CTG GCT	45 CTC CCT	
		CIG GCT	بست تنس	
M A L W V				TGC C
	T A V	L A	L A	C 1
63 72 83	90		99	10
GGT GGT CTT GCC ACC CCA GGG CCA GT	CGG AGA TCC	ACA TCT	CCC CCT	GTG G
G G L A T P G P V				
			РР	V A
117 126 135 CTC ACC CAC CTT ATC CAC CAC CTC	144		153	16
CTC AGG GAG CTT ATC GAG GAG CTG AGC	AAC ATC ACA	CAA GAC	CAG AAG	ACT TO
LRELIEELS			Q K	T S
171 180 189	198		207	21
CTG TGC AAC AGC AGC ATG GTA TGG AGC	GTG GAC CTG	ACA GCT	GGC GGG	TTC TG
L C N S S M V W S	V D L	T A		F C
225 234 243 GCA GCC CTG GAA TCC CTG ACC AAC ATC	252 TCC AGT TGC 2	AAT GCC A	261 ATC CAC	AGG ACG
A A L E S L T N I				
			ı n	K 1
279 288 297 CAG AGG ATA TTG AAT GGC CTC TGT AAC	306	TOO ONE O	315	324
	CAA AAG GCC 1			TCC AGC
QRILNGLCN	Q K A	S D	V A	s s
333 342 351	360	3	369	378
CCC CCA GAT ACC AAA ATC GAA GTA GCC	CAG TTT ATA I	rca aaa c	TG CTC A	AAT TAC
P P D T K I E V A	Q F I	 S к	L L	N Y
IL-13 —	NotI -	← IgG	}	
387 396 405	414	4	22	420
TCC AAG CAA CTT TTC CGC TAT GGC CAC	CG GCC GCC G	TG CCC A	.GA AAC I	432 IGT GGA
S K Q L F R Y G H	A A A	 V P 1	 R N	 C G
441 450 459	468			
409	400 CC	4	77 770 - 770 - 770	486
GGT GAT TGC AAG CCT TGT ATA TGT ACA (GC TCA GAA G	TA TCA TO	CI GIC T	TC ATC

Fig. 12

77	.C C		495 CCA		3 CC	50 C AA	4 A GA	T GI	51 G C1		cc	ATC	522 AC1	e cir	G AC	53 T CC	1 T A/	AG (TC	540 ACG
1	?	P	P	K	 E				 / I		 Т	 I	т	L	T		 P j	 К	v	 Т
то	T G	rr	549 GTG		A GA	55 C A1	8 T AG	C C		57 AC G		ccc		5 GT	C CA	58 T TI	35 C A(GC '	rgg	504
		 V		 V																
		•	·	v	L	, 1	S	_) D	,	ט	P	E	v	H	F	' 5	3	W	F
GT	'A G#		603 GAC	GTC	G GA	61 A GT	2 C CA	C AC		1 T C	AG	ACT	630 CGA) . CC2	A CC	63 A GA	9 G G#	ıG (ÄG	648 TTC
v	Ī)	D	v	- - - E	 V		 T	 A		 O	 Т	 R	 P	 р	 E	 E	. - -	0	 F
			657														1	,	Q	r
AA	C AG				: CG	66. C TC	b A GTO	AG	67 T GA	5 A.C.	rc	CCC	684	СПО	CAC	69.	3 3 GM	Ст	rcc.	702
 N			т	 F															~-	
14	٥		1	F	R	S	V	S	E	Ι		P	I	L	Н	Q	D		W	L
2/2/2	י ככ		711	700	eren.c	720							738			747	7			756
						- AG	TGC	: AA	3 GT(2 AC	C.	AGT	GCA	GCT	TTC	: CCZ	A TC	C C	CC	ATC
N	G		R	T	F	R	С	K	V	T	•	s	A	A	F	P	S		P	I
						774							792			801				810
GAG	AA	A A	CC.	ATC	TCC	: AAA	CCC	GAA	GGC	' AG	A 2	ACA	CAA	GTT	CCG	CAI	GTZ	A TZ	AC .	ACC
E	ĸ		T	I	s	ĸ	P	E	G	R		т	Q	v	 P				·	 Т
		8	19			828			027											
ATG	TC		-	ACC	AAG		GAG	ATG	837 ACC	CA	G A	AT (846 GAA	GTC	AGT	855 ATC	ACC	: TC	(C 1	364 ATG
 M			 P	т	 к	- E	 E												- -	
••	J	•	_	•	K	£	E.	M	Т	Q		N	E	V	S	I	Т	C		M
GTA	AAA		73 30 1	ייירי	ጥልጥ	882 CCC	CCA	מאמ	891				900			909			9	18
											. G		έΑŒ 	1GG	CAG	A1G	AAC	GG 	G (AG
V	К	(3	F	Y	P	P	D	I	Y		V	E	W	Q	M	N	G		Q
			27			936			945			9	54			963			9	72
CCA	CAG	GZ	\А А 	AC	TAC	AAG	AAC	ACT	CCA	CCI	' A							AG	ГТ	AC
P	Q	E	E	N	Y	ĸ	N	Т	P	P	•					D		s		Y
TTC	CTTC!	98		aa .		990			999			10	80		1	017			10	26
							AAT											AA(C A	CG
F	L	Y	•	S	K	L	N	V	K	K	E	c :	ĸ	W	Q	Q	G	N	•	r
TTC .		L03 TG	-	T G			CAT (053 GGC				62 AC C	'AC (10 AT <i>I</i>	071 ACT	GAG	AAG	108 3 AC	30 3T
 F	 Т					 L			 G							- 				
		~	_		-	_	••		9	ч	п		1	H	H	T	E	K	٤	j

Fig. 13

1089 1098 1107 1116 1125 1134

CTC TCC CAC TCT CCG GGT AAA GCC CAA GAT TTT GTG CAG TGG TTG ATG AAT ACC

L S H S P G K A Q D F V Q W L M N T

ECORI

1143

TGA GAA TTC 3'

Fig. 14

File Name : SP-IgG-glu-19-29

Range: 1 - 825 Mode: Normal

Codon Table : Universal

250	JORI		Swa	. •		Sig	naı j	pept	ide	or S	LPI						
CAZ	ינים ו		9 T TA 7	\ አጥ <u></u>	18	3	- m-(25 7. čec	7		36	5		45	5		54
						- 1CC	. 160				. cci	CIC	: A10		Cro	CIT	GCT
				M	K	s	С	G	L	F	P	L	M	v	L	L	A
			Si	.gnal	l per	otide	e of	SLPI	[-	-	No	otI	~		I	:gG
		6.	3		72	:		81	•		90	1		99)		108
CIG	GGT	r GT2	A CIG	GCA	CCC	TGC	AGT	GTG	GAA	GGZ	A GCG	GCC	GCC	GTG	CCC	AGA	AAC
L	G	v	L	A	P	W	s	v	 E	G	A	 A	A	v	P	R	N
TGT	GGA	117 A GGT		TGC	126 AAG		TGT			' ACA			GAA			TCI	162 GTC
С	G	G	D	С	K	P	С	I	С	Т	G	s	E	V	S	S	V
TTC	ATC	171 TTC	: ccc	CCA	180 AAG		AAA		GTG		198 ACC		ACT	207 CTG		CCT	216 AAG
F	I	F	P	P	ĸ	P	ĸ	D	v	L	т	I	 Т	L	 Т	 P	-
GTC	ACG	225 TGT	GTT	GTG	234 GTA				CAG	GAC	252 GAT		GAG	261 GTC		TTC	270 AGC
v	T	C	v	v	v	D		s		D	D	P	 Е	v	н	 F	s
TGG	TTT	279 GTA	GAT	GAC		GAA		CAC				ACT		315 CCA		GAG	324 GAG
W	F	v	D	D	v	 E	v	н		Α	Q	T	 R	P	P	E	 Е
CAG	TTC	333 AAC	AGC		342 TTC		TCA	351 GTC			360 CTC				CAC		378 GAC
Q	F	N	s	T	F	R	s	v	s	E	L	P	I	L	н	Q	D
		387			396			405			414			423			432
TGG	CTC	AAT	GGC	AGG	ACG	TTC	AGA		AAG		ACC	AGT	GCA	GCT	TTC	CCA	TCC
W	L		G								T	s	Α	A	F	P	S
ccc .	ATC	441 GAG	AAA		450 ATC		AAA			GGC		ACA	CAA				486 GTA
P	I	E	K	т		s		 Р		G		 Т	 Q	 V	 P		v

Fig. 15

TAC	ACC	495 ATG		CCT	504 ACC		GAA	513 GAG		ACC	522 CAG	AAT	GAA	531 GTC	AGT	ATC	540 ACC
Y	T	M	S	P	T	K	E	E	M	T	Q	N	E	V	S	I	${f T}$
		549			550			567			576			505			F04
TYC	באגע			GGC	558 777	ጥለጥ	ccc	567			576 TAT	CTC	CAC	585	CAG	ביצדע	594
														166			
С	M	V	K	G	F	Y	P	P	D	I	Y	v	E	W	Q	М	N
		603			612			621			630			639			648
GGG	CAG	CCA	CAG	GAA	AAC	TAC	AAG		ACT	CCA	CCT	ACG	ATG	GAC	ACA	GAT	GGG
	0	 Р		 Е	 N			 N		 D	 P	 T	 М	 D	 T	 D	 G
_	*	-	×	_		-			•	-	£	_	1-1	ב	-	ט	G
		657			666			675			684			693			702
AGT	TAC	TTC	CTC	TAC	AGC	AAG	CTC	TAA	GTG	AAG	AAG	GAA	AAA	TGG	CAG	CAG	GGA
															- 		
S	Y	F	L	Y	S	K	L	N	V	K	K	E	K	W	Q	Q	G
		711			720			729			738			747			756
AAC	ACG		ACG	TGT							CTG						
													-	,			
N	T	F	Т	С	S	V	L	H	E	G	L	H	N	Н	H	T	E
					Ig	G		-	←	_	9	luca	igon	19-2	9		
		765			774			783			792			801			810
AAG	AGT										GAT						
K	S	L	s	H	S	P	G	K	A	Q	D	F	v	Q	W	L	M
	-																
		819															
AAT	ACC	TGA	GAA	TTC	3 '												
N	T	*															

Fig. 16



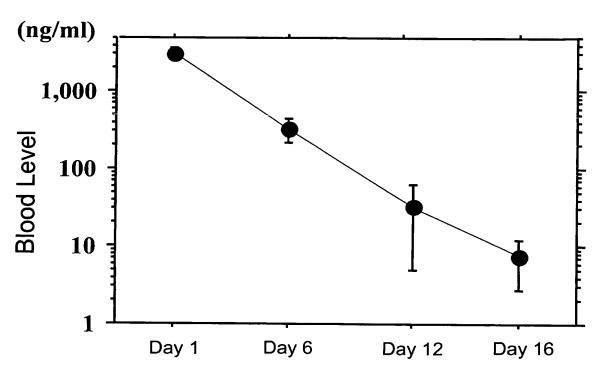


Fig. 17

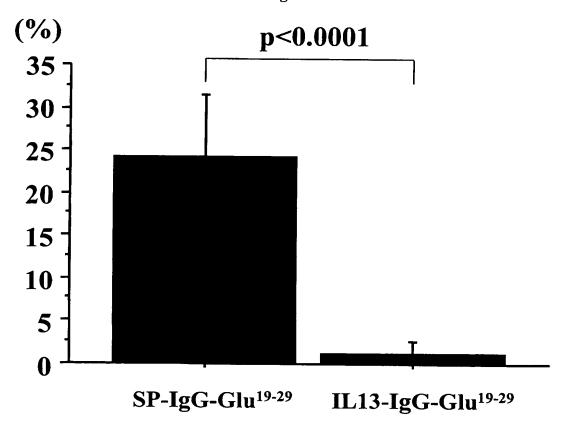


Fig. 18

File Name : IL1RA-IgG-glu19-29

Range: 1 - 1284 Mode: Normal

Codon Table : Universal

EcoRI SwaI ← IL-1RA

5'	GAA	TTC			ATG	GAA	ATC	TGC	TGG	GGA	ccc	TAC	AGT	CAC	CTA	ATC	TCI	54 CTC
			·									Y						L
		CIC		CIT	CIG	TIT	CAT	TCA	GAG	GCA								108 . AGA
	L	L	I		L						Α	C	R	P	s	G	K	R
	ccc	TGC	117 AAG	ATG	CAA	GCC	TTC	AGA	ATC	TGG	GAT		AAC	CAG	AAG	ACC	TTT	
	P	С	K	M	Q													Y
	CTG	AGA		AAC		CTC	ATT	GCT	GGG	TAC	TTA	CAA	GGA	CCA	AAT	ATC	AAA	
	L	R																L
	GAA	GAA	225 AAG	ATA	GAC	ATG	GTG	CCT	ATT	GAC	CIT	252 CAT	AGT	GTG	TTC		GGC	ATC
	E	E	K	I														
	CAC	GGG	279 GGC	AAG			CTG	TCT	TGT	GCC	AAG		GGA	GAT	GAT	ATC	AAG	CTC
	H	G	G	к	L	С						s						
	CAG			GAA	GTT	AAC	ATC	ACT	GAT	CTG	AGC		AAC	AAA	GAA	GAA	GAC	
	Q			 E														K
	CGC	TTT		TTC														
	R	F	T	F	I	R	s	E	K	G	P	T	T	s	F	E	s	A
	GCC	TGT	441 CCA	GGA				TGC .	ACA		CTA			GAC		CCT		486 AGC
	A	C	P	G	w	F			т		L	E			R	P	v	s

Fig. 19

IL-1RA 495 513 522 CTC ACC AAC ACA CCG GAA GAG CCC CTT ATA GTC ACG AAG TTC TAC TTC CAG GAA --- --- --- --- --- --- --- --- --- --- --- --- ---L T N T P E E P L I V T K F Y F Q E NotI -IgG 585 558 549 567 576 GAC CAA GCG GCC GCC GTG CCC AGA AAC TGT GGA GGT GAT TGC AAG CCT TGT ATA --- --- --- --- --- --- --- --- --- --- --- --- --- ---D Q A A A V P R N C G G D C K P C I 603 612 621 630 639 TGT ACA GGC TCA GAA GTA TCA TCT GTC TTC ATC TTC CCC CCA AAG CCC AAA GAT $\texttt{C} \quad \texttt{T} \quad \texttt{G} \quad \texttt{S} \quad \texttt{E} \quad \texttt{V} \quad \texttt{S} \quad \texttt{S} \quad \texttt{V} \quad \texttt{F} \quad \texttt{I} \quad \texttt{F} \quad \texttt{P} \quad \texttt{K} \quad \texttt{P} \quad \texttt{K} \quad \texttt{D}$ 666 675 684 693 GTG CTC ACC ATC ACT CTG ACT CCT AAG GTC ACG TGT GTT GTG GTA GAC ATT AGC V L T I T L T P K V T C V V V D I 711 720 729 738 747 CAG GAC GAT CCC GAG GTC CAT TTC AGC TGG TTT GTA GAT GAC GTG GAA GTC CAC --- --- --- --- --- --- --- --- --- --- --- --- --- ---Q D D P E V H F S W F V D D V E V H 774 783 792 ACA GCT CAG ACT CGA CCA CCA GAG GAG CAG TTC AAC AGC ACT TTC CGC TCA GTC TAQTRPPEEQFNSTFRSV 828 837 846 855 AGT GAA CTC CCC ATC CTG CAC CAG GAC TGG CTC AAT GGC AGG ACG TTC AGA TGC S E L P I L H Q D W L N G R T F R C 873 882 891 900 909 AAG GTC ACC AGT GCA GCT TTC CCA TCC CCC ATC GAG AAA ACC ATC TCC AAA CCC --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---K V T S A A F P S P I E K T I S K P 936 945 954 GAA GGC AGA ACA CAA GTT CCG CAT GTA TAC ACC ATG TCA CCT ACC AAG GAA GAG EGRTQVPHVYTMSPTKEE 981 990 999 1008 1017 ATG ACC CAG AAT GAA GTC AGT ATC ACC TGC ATG GTA AAA GGC TTC TAT CCC CCA

Fig. 20

M T Q N E V S I T C M V K G F Y P P

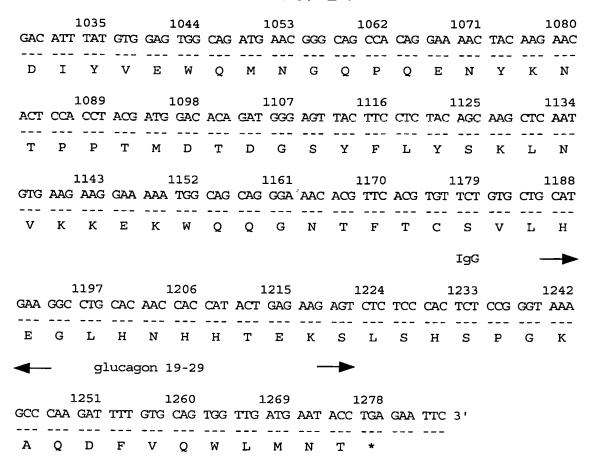
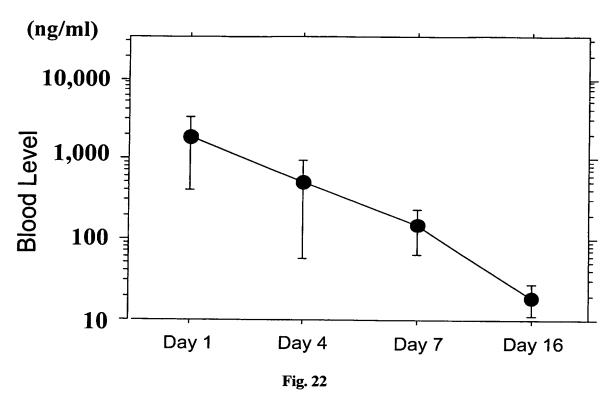


Fig. 21



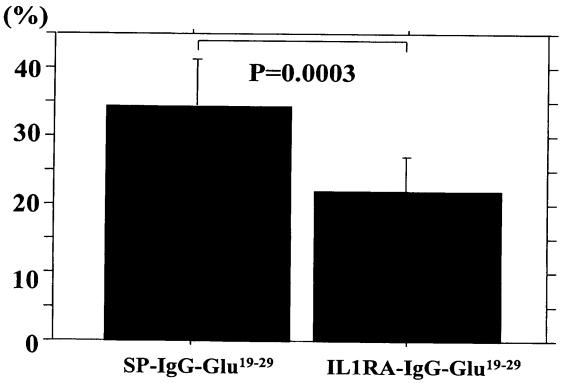


Fig. 23

File Name : IL8-glu 19-29

Range: 1 - 369 Mode: Normal

Codon Table : Universal

ECORI Swal - IL-8

				-													
GAA	TTC	9 TTA		ATG	18 ACT					GTG		CTC				TTC	54 CTG
				M	т	s	K	L	Α	v	Α	L	L	A	A	F	L
ATT	TCT	63 GCA		CTG	72 TGT					TTG		AGG	AGT	99 GCT		GAA	108 CIT
I	s	Α	A	L	C	E	G	 A	v	r	P		s	 А	ĸ	E	L
AGA	TGT	117 CAG		ATA	126 AAG		TAC			CCT			ccc			ATC	162 AAA
R	С	Q	C	I	К	Т	Y	s	K	P	F	Н	P	K	F	I	K
gaa	CTG	171 AGA	GTG	ATT	180 GAG		GGA			TGC	198 GCC		ACA	207 GAA		ATT	216 GTA
E	L	R	v	I	 E	s	G	 Р	н	C	 А	 N	 Т	 Е	 I	I	v
AAG	CTT	225 TCT	GAT	GGA	234 AGA	GAG	CTC	243 TGT	CTG	GAC	252 CCC	AAG	GAA	261 AAC	TGG	GTG	270 CAG
K	L	s	D	G	R	E	L	С	L	D	P	к	E	N	W	v	Q
								1	L-8			-		Not	I		
AGG	GTT	279 GTG		AAG	288 TTT			297 AGG						315 GCC			324 GGT
R	V	v	E		F		К	R	A	E	N	s	A	A	A	P	G
	←	_	9	luca	gon.	19-2	9				→		E	COR	I		
AAA (GCC	333 CAA			342 GTG	CAG			ATG			TGA			3'		
ĸ	 A					-											

Fig. 24

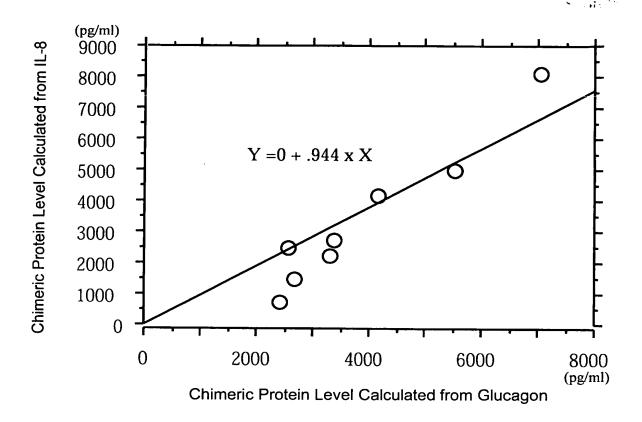


Fig. 25